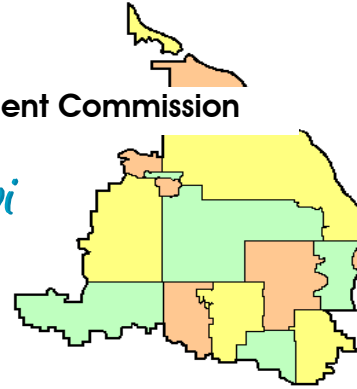


A meeting of the joint Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions is scheduled for 11:00 a.m. – 12:30 p.m., Thursday, December 8, 2016, at the Clubhouse at Edinburg USA, 8700 Edinbrook Crossing, Brooklyn Park, MN. *Please note this new time and location.*

### AGENDA

Meeting docs (\*) will be available on the website at  
<http://www.shinglecreek.org/tac-meetings.html>

1. Approve agenda.\*
2. Approve Minutes of May 26, 2016 meeting.\*
3. Iron and Bio-char Enhanced Sand Filter Project
  - a. Erickson from SAFL will attend to provide an overview of the state of the research and practice on iron-enhanced sand filters.
  - b. Update on grant project schedule and preliminary findings.
4. Connections at Shingle Creek Project Final Report.
5. Public Art Reaeration Structures.
  - a. Update on project schedule and costs.
  - b. Funding to offset maintenance costs.
6. Public and Private BMP Cost Share Programs Discussion.
7. Other business.
8. Next Meeting \_\_\_\_\_



**MINUTES**  
May 26, 2016

A meeting of the Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions was called to order by Chairman Richard McCoy at 8:35 a.m., Thursday, May 26, 2016, at Crystal City Hall, 4141 Douglas Drive North, Crystal, MN.

Present were: Andrew Hogg, Brooklyn Center; Mark Ray, Crystal; Rick Lestina, Maple Grove; Liz Stout, Minneapolis; Ben Scharenbroich, Plymouth; Richard McCoy, Robbinsdale; Ed Matthiesen, Diane Spector, and Jeff Strom, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Brooklyn Park, Champlin, New Hope, and Osseo.

I. Motion by Ray, second by Stout to approve the **agenda**. \* *Motion carried unanimously.*

[Ray arrived 8:35 am.]

II. Motion by Hogg, second by Ray to approve the **minutes of the April 28, 2016 meeting**. \* *Motion carried unanimously.*

**III. Lake TMDL 5-Year Reviews.**

**A. Crystal Lake.**\* This review has been previously discussed by the TAC. The draft report has been updated to reflect the 2015 flocculation plant removals. It is estimated that about 53 pounds of the required 256 pound annual load reduction from the watershed has been achieved and, on average, 178 pounds of the required 255 pound annual internal load reduction has been achieved. The recommended implementation actions for the coming five years include:

1. Continue to implement watershed BMPs as opportunities arise.
2. Target the flocculation plant treatment to hypolimnetic withdrawals to maximize annual internal load reduction.
3. Work with the DNR to get an updated fish survey and, as water clarity improves, to develop a vegetation management plan to address any invasive aquatic vegetation should it occur.

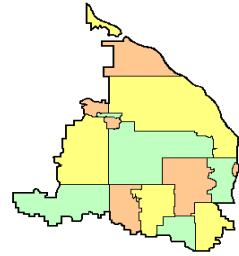
Stout will provide the 37th Avenue Greenway data for the report.

McCoy reported the flocculation plant is still operating under the existing permit until any issues are addressed.

A public meeting will not be held on the project.

Motion by Scharenbroich, second by Lestina to receive the report pending inclusion of the Greenway data and the monitoring results submitted by the City of Robbinsdale. *Motion carried unanimously.*

The final draft of the Crystal Lake 5 Year Review can be found on the Commissions' website at [shinglecreek.org/technical-advisory-committee.html](http://shinglecreek.org/technical-advisory-committee.html).



**B. Bass, Schmidt, and Pomerleau Lakes TMDL 5 Year Review.\*** Wenck has updated the lake response models to incorporate the Bass Lake inflow data collected by the City of Plymouth and the measured sediment release rates from sediment cores and lake water quality data for all three lakes taken since the TMDL was completed (the TMDL used 1999 and 2001 data). Attached to Staff's memo are the updated model results and the resulting potential revisions to the WLA and LA load reductions. For Bass and Pomerleau Lakes, the updated models suggest that internal load is more of an issue than what the TMDL assumed. Strom presented the data and models and discussed potential implementation strategies.

**IV. Grant Updates.**

- A. Connections at Shingle Creek.** The vegetation is in place.
- B. Public Art Reaeration Project.** The number of artists has been narrowed to three. One will be chosen in early July.
- C. Iron/Biochar Enhanced Sand Filters Project.** Discussion regarding installation continues.
- D. Twin Lake Carp Management Project.** The mark and recapture survey will be conducted in late summer.

**V. Other Business.**

- A.** The **next meeting** is scheduled for July 28, 2016 at 8:30 a.m. at Crystal City Hall.
- B.** Motion by Scharenbroich, second by Lestina to adjourn. Motion carried unanimously. The meeting was adjourned at 9:46 a.m.

Respectfully submitted,

Handwritten signature of Judie A. Anderson

Judie A. Anderson  
Recording Secretary

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